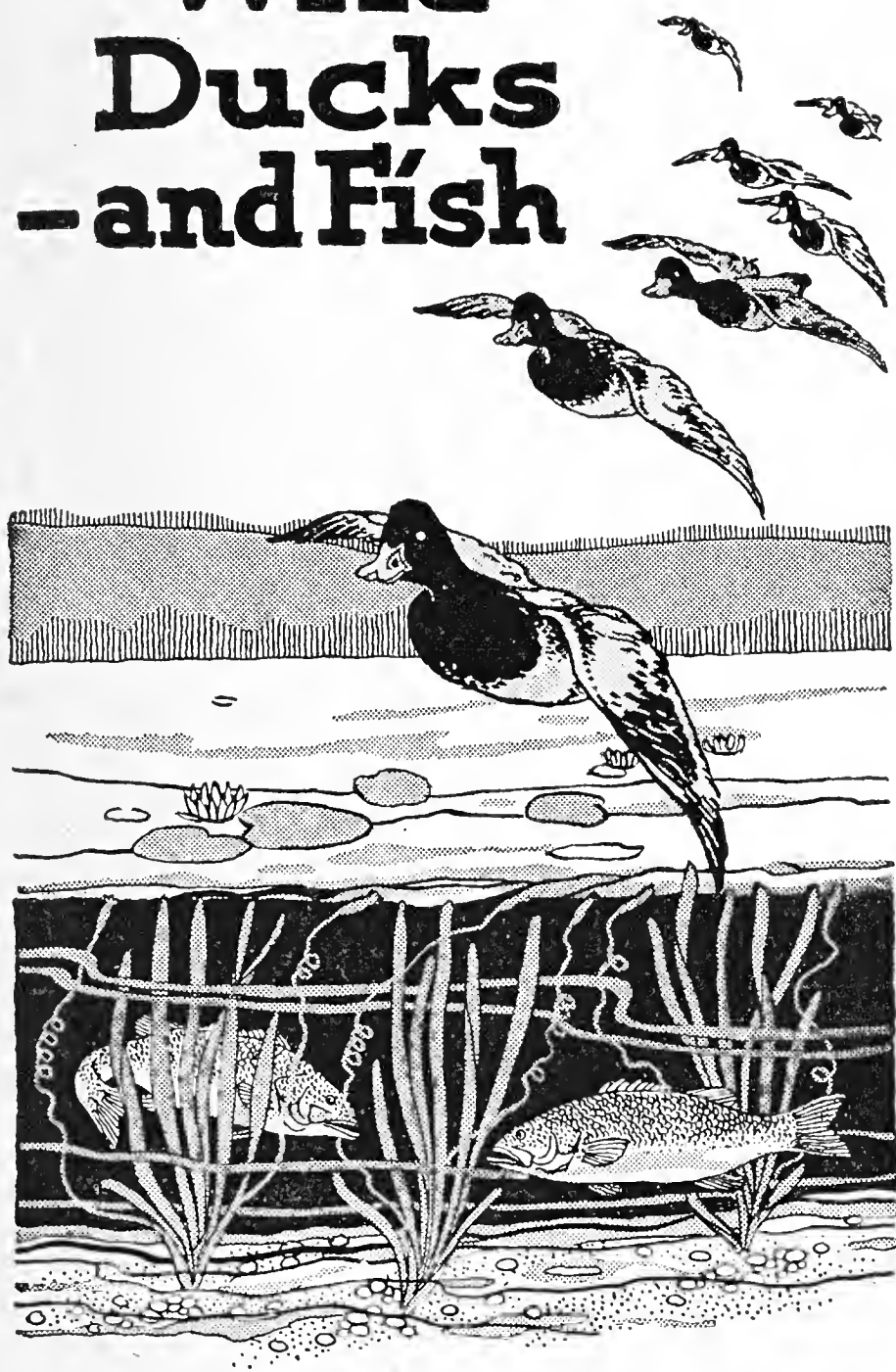


## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# How to Attract "Wild" Ducks -and Fish



Wild Celery Beds Shown Above  
Attract Diving Ducks and Fish

Plant  
This  
Spring

●  
Attract  
Ducks  
Next Fall



Terrell's  
Seeds  
Grow!

●  
40  
Years  
Success

## ATTRACTING FISH AND FOWL

By  
Clyde B. Terrell

You, who would increase your waterfowl or fish population, should study the ways and the habits of these wild creatures, and provide them with what they desire and need. Regardless of whether it be waterfowl, fish, muskrats, or some other form of wild life, furnish them what they want if you wish to attract them, induce them to stay a while and rear large families. Most wild creatures are creatures of instinct, and it is difficult to change their desires and habits.

Primarily, in attracting and increasing the supply of wildlife we should constantly supply them with Food Protection and Suitable Homes.

PROVIDE FOOD at all times of the year when these wild creatures are with you. How hard it would be for you to go for even a week without food! Plan to have some kind of food available for our finned, feathered and furred friends, every week out of the fifty-two weeks in the year. In our gardens we do not have strawberries all the year around, and just so a good duck food like Wild Rice does not furnish food throughout the entire year, but must be supplemented throughout the summer months, when no seeds of Wild Rice are present, by other duck foods like Duck's Meat (Spirodela); the grain-like seeds of pondweeds (Potamogeton); the succulent runners and winter-buds of the Wild Celery (Vallisneria), and other plants described herein.

PROTECTION is needed by every type of wildlife and fish from its enemies, severe weather and other climatic conditions. It is well-known that waterfowl select islands and elevated situations for their nests, where they will be safe from cats, foxes and other vermin. Wild ducks often build their nests under a pile of loose brush, covered with a tangle of wild grapes or other vines, where they will be safe from the pouncing attacks of great-horned owls and other winged enemies.

Small fish seek the shelter of submerged water plants to escape from cannibalistic relatives. These same plants produce food in the form of snails, crawfish, fresh-water shrimp, dragon flies and other small forms of aquatic animal life on which fish feed.

See information given in the following pages, as to conditions under which these plants grow.

## PLANT This Spring

Some of the best food and cover producing plants for ducks and fish are described on the next page. Plant food and shelter this spring if you want more ducks and plenty of big fish!

Plantings carried out if desired.

Yours for success,

**Terrell's**  
AQUATIC NURSERIES



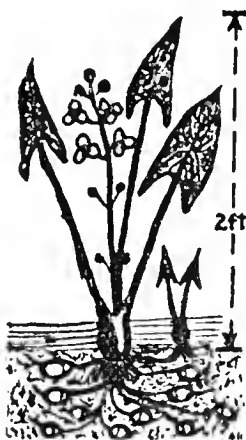
# Attract Wild Ducks



Plant their natural foods,  
that grow from year to year.

## WAPATO Duck Potato

"Duck Potato" and "Muskrat Potato" are names often given this important food plant, (*Sagittaria latifolia*), that indicate its importance as a food. It produces numerous tubers, seed and



tender white runners that are eaten by geese, swan and practically all kinds of wild ducks, as well as muskrats. Has handsome arrow-shaped leaves -- stalks of white flowers with yellow center -- widely planted as ornamental. Easily and quickly grown from Terrell's selected tubers. Thrives in practically all parts of U. S. and Canada,

in marshy places, mud flats, and in water up to 1½ ft. deep. Plant 1200 tubers per acre.

1000, \$12.50; 300, \$4.50; 100, \$1.75; 25, \$1.

## WILD DUCK MILLET

For Mud Flats -- Lowlands -- Lands That Can  
Be Drained and Flooded

Wild Duck Millet (*Echinochloa crus-galli*) is an important food for mallards, pintails and teal. It grows over most of the U. S. This plant made up to 50 to 75% of the food of mallards from La. examined by U. S. Biological Survey. It is also an important food for ducks in Ark., Wis., Ala., Ill., S. D., Mass., S. C., Mo. and Calif. It grows 2 to 4 feet high, making considerable cover. It is also a food for geese, quail, doves and upland game birds and song birds as well as wild ducks.

Plant on mud flats, lowlands, areas left bare during summer when water goes down, or land along water's edge. Suited to old rice fields in the South. Sow from April 1st to July 10 in the North and up to August 1st in South and a crop will be secured same season. 100 pounds plants 3 acres. 100 lbs., \$10.50; 25 lbs., \$3.00. Smaller lots 15c lb. or 26c lb. postpaid.

## SAGO POND PLANT

Best Duck and Fish Food for Alkali, Slightly Salt, Marl or Hard Water

Authorities proclaim Sago Pond Plant (*Potamogeton pectinatus*) the best all around wild duck food, also the best food and shelter plants for fish. It is eaten by swans and over twenty kinds of ducks. Early in the fall it has clusters of seeds, the size of wheat, which are greedily eaten by blue-winged teal, mallards, and other early ducks. Later in the season, it produces great quantities of tubers almost equal to Wild Celery as a Canvasback food.

Sago Pond Plant thrives throughout the entire U. S. and Canada. It should be planted only in hard waters containing some lime. Plant the tubers from February 1st to July 15th, in 1½ to 8 ft. of water, in sheltered bays on any kind of bottom but stony. Will spread to deeper and more exposed situations, grows submerged. Use 1200 tubers per acre. Terrell sells only selected tubers - each capable of producing vigorous growth

1000, \$18.00 100, \$2.50; 25, \$1.00.

## COONTAIL for Ducks and Fish

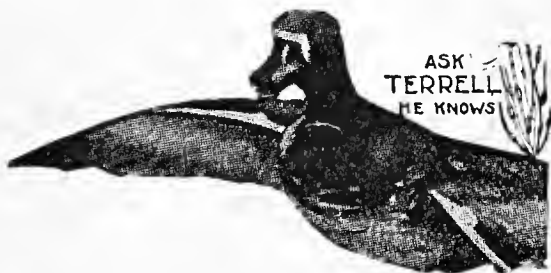
A bed of Coontail produces a splendid lot of food for ducks and fish. Floats submerged in the water, and grows over almost any kind of bottom soil. Very hardy and easy to grow. Plant now, using 12 bushels per acre.

Plants, bushel, \$3; peck, \$1.50; 5 bu. \$2.50 bu.

## BUR REED

Excellent food and cover plant for wild ducks, especially attractive to marsh ducks.

Grows in marshy, muddy spots or in water preferably not over six or eight inches deep. Plant 1000 roots per acre in spring. Strong, selected roots with good growing points, 1000, \$30; 300, \$10; 100, \$4.



## Sure-Growing WILD CELERY

For Diving Ducks and Fish



Canvasbacks, Bluebills and Redheads feed on Wild Celery (*Vallisneria spiralis*) in preference to other foods. Other ducks which feed on Wild Celery include Wood Duck, Widgeon, Pintail, Ruddy, Bufflehead, Whistler, Teal, Scoters, Mallard and Black Duck. Geese, Swans and Coots also eat it.

Prominent fish culturists recognize Wild Celery as one of the best plants for "fish pastures." It is an ideal fish food and cover producer. Clears and oxygenates the water.

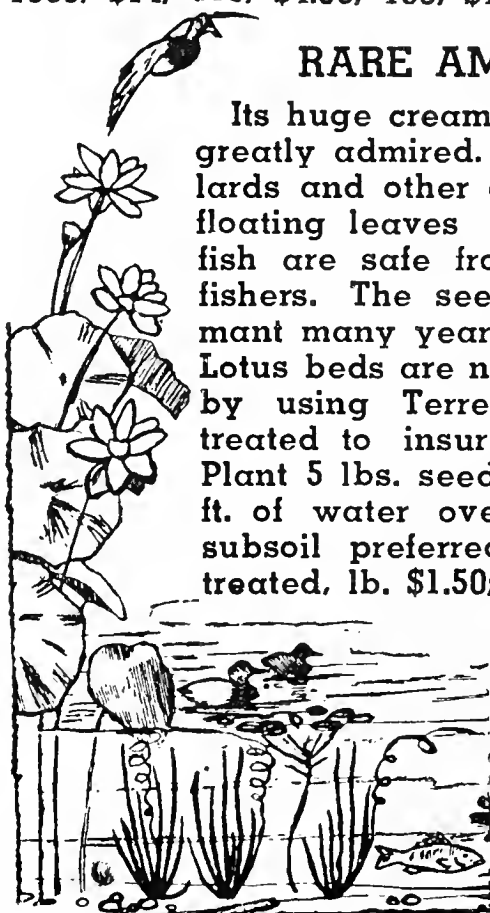
Wild Celery grows submerged and thrives in fairly clear, fresh or slightly brackish waters, not acid, in sheltered bays, 2 to 8 ft. deep. Water should contain some lime indicated by presence of shells. Thrives in practically all parts of United States and Canada. Easily grown from Terrell's selected winter-buds or plants, planted from March 20th to July 20th. Use 1,200 per acre, 1000, \$14; 300, \$4.50; 100, \$1.75.

## RARE AMERICAN LOTUS

Its huge creamy, yellow flowers are greatly admired. Seed eaten by Mallards and other ducks. Its big, round floating leaves make shelter where fish are safe from herons and kingfishers. The seed naturally lies dormant many years before germinating. Lotus beds are now easily established by using Terrell's seed, chemically treated to insure quick germination. Plant 5 lbs. seed per acre in 1½ to 3 ft. of water over rich bottom. Clay subsoil preferred. Seed germination treated, lb. \$1.50; \$1.62 postpaid.

## WATER CRESS

Plant in shallow springs remaining unfrozen in winter. Makes all-year duck and fish food. Plants: 1000, \$25; 100, \$3.50; Seed 2 oz. \$1; pound \$7.50.



Am. Lotus

Wild Celery

## WHITE WATER LILY

(*Castalia tuberosa*)



Produces attractive white sweet-scented blossoms. Provides splendid natural food and cover for fish. Plant on mud bottom in waters 1 to 4 ft. deep, using 750 tubers per acre. Tubers 100, \$6.00; 12, \$1.00. Extra large tubers with well-developed growing

points that will produce quick results. 100, \$15; 12, \$2.50.

## YELLOW WATER LILY

(*Nymphaezanthus variagatus*)

An important food of wild ducks and muskrats. Also eaten by moose and deer. Excellent natural food and cover for fish. Produces attractive yellow blossoms. Plant on mud bottom in waters 1 to 4 ft. deep, using 750 tubers per acre. Large, strong tubers with good growing points.

\$100, \$15.00; 12, \$2.50; 4 for \$1.00.

## DUCKS MEAT (*Lemna*, *Spirodela* and *Wolffia*)

A splendid duck and fish food for quiet sheltered waters, pot holes, and sloughs. Multiplies rapidly, producing an abundance of food attractive to many varieties of wild ducks, especially good food for ducklings. Floating Duck Meat floats on the surface of the water. Submerged Ducks Meat floats submerged just beneath the surface of the water. Will grow over any kind of bottom. Plant 12 bushels per acre, either variety during spring and summer. \$3.00 per bu.; 5 bu. or more \$2.50 bu.

## PICKEREL PLANT

(*Pontederia cordata*)

Provides food for ducks, and is an attractive ornamental plant producing spikes of purple flowers. Grows on fairly rich soil, in 1 to 3 ft. of water. Plant 600 roots per acre. Strong, thrifty roots 100, \$12.50; 12, \$1.75.

## DEEP WATER DUCK POTATO

(*Sagittaria rigida*)

A splendid attraction for Bluebills and other diving ducks, that love the tender tubers this plant produces. Plant in ponds, lakes or bays along the river, where water is 1 to 3 ft. deep. Sure-growing tubers with well developed growing points, 1000, \$18; 300, \$6.25; 100, \$2.25.

**CAT TAIL.** (*Typha latifolia*) Cover for waterfowl, blinds, Muskrat food; good for frog ponds. Ornamental. 1000, \$30.00; 300, \$11.00; 100, \$4.00.

**BULRUSH.** (*Scirpus*, sp.) Provides food and cover for ducks; also blinds. Grows 5 ft. high. Roots 1,000, \$30.00; 300, \$11.00; 100, \$4.00

**REDHEAD GRASS.** (*Potamogeton perfoliatus*) Submerged. Wonderful food for wild ducks, fish, excellent natural cover for fish. Plant 1200 per A. 1000, \$45.00; 300, \$19.00; 100, \$7.00

**REED GRASS.** (*Phragmites communis*) Excellent cover for water-fowl; natural blinds. Ornamental - feathery plumes - the nearest thing to bamboo that will grow in the north. Plant 1200 per acre. 1000, \$30.00; 300, \$10.00; 100, \$5.00

**SMARTWEED** (*Polygonum* sp). To get best and quickest results, plant the plants during the spring. Strong, vigorous plants, either assorted or *Polygonum hydropiper*, 1000, \$15; 100, \$2; 10, \$1.

**WATER SMARTWEED** (*Polygonum amphibium* var *emersum*) plants 1000, \$50; 100-7; 10, \$1.50.

**SMARTWEED** (*Polygonum pennsylvanicum*) seed, 100 lbs. \$19; 10 lbs. \$2; 25c lb. Smartweed seeds do not germinate well; furnished only on request.

**WATER SHIELD.** (*Brazenia Schreberi*) Important food for Mallards, Black Ducks, Teal, Wood Ducks. Produces fish food and cover. Round floating leaves two inches across. Prefers 1 to 6 ft. acid or neutral water. Grows from Hudson Bay to Florida.

Plants: 1000, \$95; 500, \$60; 100, \$15; 12, \$3.

**WATER MILFOIL.** (*Myriophyllum* sp.) Duck food. Excellent food and cover for fish. Plant 7 bu. per acre.

Bu. \$4.00 5 bu. or more \$3.00 per bu.

**WATER WEED, ELODEA.** (*Philotria canadensis*) Duck food. Excellent food and cover for fish. Plant 10 bu. per acre.

Bu. \$4.00; 5 bu. or more \$3.00 per bu.

**DUCK WHEAT, GOOSE BUCKWHEAT, TARTARY BUCKWHEAT** (*Fagopyrum tataricum*)

Attracts Ducks, Pheasants, Quail, Geese and Other Game Birds.

Will thrive on poor soil where other foods will not grow, and holds its seed through winter, providing food at a time when the birds need it most. Plant 50 lbs. of Terrell's Tested Tartary Buckwheat (Duck Wheat) seed per acre, this spring on almost any drained soil and by next fall you'll have food to attract and hold the game birds. Price \$9 per 100 lbs.; 50 lbs. for \$5.



## Terrell's Sure-Growing GIANT WILD RICE

Where Wild Rice grows you find Mallards, Black Ducks, Widgeons, Teal, Pintails, Canada Geese and other wildfowl swarming in to feed. Wild Rice beds are used by the ducks in the spring as a place to hide their nests and rear their ducklings.

### Where To Plant

Terrell's Giant Wild Rice is easy to grow. Conditions required for successful growth of Wild Rice are fresh water streams, lakes or ponds having an outlet, fairly rich bottom, and water from 6 inches to 3 feet in depth. Sunny, sheltered bays or coves where planting will not get the full current or direct wash of waves, suit it best. It grows best north of a line drawn from Savannah, Georgia, to San Francisco, California, although occasionally grown further south.

### PLANT THIS SPRING

Giant Wild Rice seed can be planted with excellent results during either fall or spring.

### HOW MUCH TO PLANT

2 bushels per acre of Terrell's sure-growing Giant Wild Rice seed should be planted to insure a good stand. Provides food and cover in one growing season.

Wild Rice sturdy plants for Spring Planting for delivery within 1500 miles. 1000, \$12; 100, \$1.85.

**No. 1**

Terrell's Giant Wild Rice Requires  
Less Seed Makes More Feed

**No. 2.**

Ordinary Wild Rice Seed

<p>Bu. (30 lb.) \$15; 5 bu. or more \$14.50 per bu.; Peck \$4.50; Quart 65c or 77c prepaid.</p>
---

## FANCY PARCHED WILD RICE For Table Use

Ready Sept. 1st. PRICE DELIVERED in U. S. A.  
\$1.00 per lb.; 5 lbs. or more 90c per lb.

# ORDER BLANK AND PRICE LIST



## Terrell's

Aquatic Nurseries

Established 1896

Oshkosh, Wis., U. S. A.

More Food - More Fish -

More Game. Plant Now.

SHIP TO .....

ADDRESS .....

SHIP BY .....

ORDERED BY .....

ADDRESS .....

Tear Off Here

.....Sago Pond Plant tubers,  
1000-\$18; 100-\$2.50 .....\$.....

.....Wapato Duck Potato tubers  
1000-\$12.50; 300-\$4.50; 100-\$1.75 .....\$.....

.....lbs. Wild Duck Millet seed  
100 lbs. \$10.50; 25 lbs. \$3; 15c lb. .....\$.....

.....Wild Celery Winter-buds or plants,  
1000-\$14; 300-\$4.50; 100-\$1.75 .....\$.....

.....Bu. Coontail, \$3.00 per bu.  
5 bu. or more \$2.50 per bu. ....\$.....

.....Bur Reed roots,  
1000-\$30; 300-\$10; 100-\$4 .....\$.....

.....Giant Wild Rice plants  
1000-\$12; 100-\$1.85 .....\$.....

.....Giant Wild Rice Seed, \$15 per bu.;  
5 bu. or more \$14.50 bu.; \$4.50 per  
peck. Smaller lots qt. 65c, or 77c  
postpaid .....\$.....

2% Discount for cash with order.

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Amount enclosed \$.....



**REFERENCES:** Oshkosh National Bank, Oshkosh, Wis.; First National Bank, Oshkosh, Wis.; Dun & Bradstreet's Mercantile Reference. Ask your state game officials, or editor of any outdoor magazine about us.

**SHIPMENTS:** Express shipments are most generally satisfactory for our planting material. When so shipped it reaches destination quickly, in best condition for planting. Large lots can sometimes be sent by refrigerator freight or truck.

**GUARANTEE.** If any of our planting materials fail to produce what the purchaser considers a satisfactory growth after giving planting sufficient time to establish itself, we **GUARANTEE** to replace it at half price, or send an equal value at half price of other planting material selected from our current price list.

Prices are F. O. B., Oshkosh, or other shipping points, unless otherwise stated. If Parcel Post shipment is desired, be sure to include with your remittance sufficient amount to pay charges, otherwise balance will be collected C. O. D.

Terms: -- Cash with Order or C. O. D. Prices subject to change without notice.

We also furnish a most complete line of Plants for all wild life. Ask for prices.

---

"I have had a good deal of pleasure in planting duck food. One of the most interesting was in a small lake where we planted Wild Celery. Very soon good varieties of ducks, Bluebills, and Whistlers which never frequented the lake before, began to come in."—Ontario, Canada.

"The first planting of Wild Duck Millet did well and I would like to add to it."—Michigan.

"The Wild Duck Millet ordered from you was received and I have planted one field and have a fine stand."—Georgia.

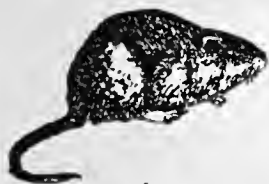
"I have succeeded in growing Wild Celery in my lake beyond my hopes. The Wild Celery you sent is up at least one foot, and in some places two feet."—Colorado.

"We are well pleased with the plantings of Wild Rice, purchased from you this spring. We had a man here from the Federal Government and he was amazed at the amount of Wild Rice found here."—Maine.

"The Wild Rice introduced on a lake near Leningrad is growing well."—Russia.



## FAVORITE MUSKRAT FOODS



### The Muskrat

A valuable

Furbearer

and you may find fences, to retain them, unnecessary -- in fact, muskrats from other marshes will be attracted by the food on your marsh.

The following plants are the mainstay of the muskrat's food supply the year around. They are easily grown. Plant feeding beds here and there. When once started they will reseed and spread out. Listed in the order of importance.

### FOR SHALLOW WATER UP TO 1 FT. DEEP

§\*‡ Sweet Flag, §\*‡ Cattail, \*Wapato (Muskrat Potato). \*§Bur Reed.

### FOR WATERS 6 IN. TO 3 FT. DEEP.

§\*‡Wild Rice.

### FOR WATER 2 TO 5 FT. DEEP

‡\*Water Lilies. \*§Great Bulrush. §Muskgrass.

NOTE: \*For Alkaline (hard) Waters. ‡For Slightly Acid (soft) Waters. §Used by muskrats in building houses.

The additional amount of fur that can be taken will pay many times over for the planting materials needed.

Sweet Flag: 1000, \$30; 300, \$11; 100, \$4.00. Prices and information on other materials inside pages.

**BUTTON BUSH** (*Cephalanthus occidentalis*). Very good duck food especially for Mallards, which eat the seeds. Has pretty, white, ball-like flowers in summer. Likes low moist grounds, swamps or the waterside.

1' to 1½': 1000, \$150; 100, \$20; 10, \$3; 35c ea.

1½' to 2': 1000, \$350; 100, \$40; 10, \$6; 75c ea.

## NIOBE GOLDEN WEeping WILLOW PUSSY WILLOW (Discolor)

Keep trout streams shaded, cool, furnish insect food: 3 to 4 ft. Trees 30c each; 10, \$2.50; 100, \$19. Assorted willow cuttings \$10, \$1; 100, \$4; 1000, \$30.

**WILD GRAPE** (*Beta*). Excellent food and cover for quail, pheasants, grouse, prairie chickens, song birds and wild ducks.

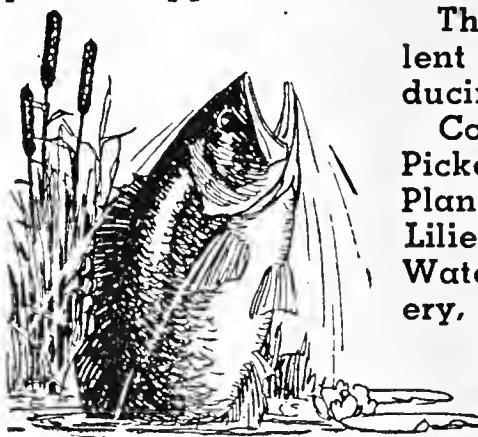
2 yr. vines 35c ea.; 10 for \$3; 100 for \$20.

# GET MORE AND BIGGER FISH

## Provide Food and Cover

"We may stock our fish waters ever so liberally, but the fish will not thrive without an abundance of suitable food." -- Editorial from "American Field."

Certain plants provide plenty of food, also cover where small fish can escape from their enemies. They insure more young fish reaching maturity and increase fish production. Fish feed on parts of the plants and on the countless numbers of small insect and animal life which these plants support.



The following are excellent food and cover producing plants for fish:

Coontail, Ducks Meat, Pickerel Plant, Sago Pond Plant, Water Cress, Water Lilies, Water Milfoil, Water Shield, Wild Celery, Wild Rice.

### CRAWFISH

For Bait and Stocking.  
Provide Fish Food.

100, \$3.50; 300, \$10;  
1,000, \$25.

Plants mentioned above are described and prices given, on inside pages.

---

## ORNAMENTAL PLANTS

**WATER HYACINTH.** Ornamental floating plant, odd and interesting for your pool. Spikes of beautiful lavender flowers. 15c ea.; 3 for 40c; 10 for \$1.

Siberian Iris, Blue, 10c ea.; 3 for 25c; 10 for 75c.

Blue Water Iris, 15c ea.; 3 for 40c; 10 for \$1.

---

"I am in receipt of the Wild Celery and am much pleased for it is the finest I have ever seen and arrived in the best condition." — Florida.

"The Wild Duck Millet is the best food here. The Wapato Duck Potatoes did fine and we now have plenty of them. There could never be a better duck food than Wild Duck Millet, - the Mallards are wild for this food, and Teal could hardly be driven out. It is a pretty sight after the Millet headed out to see the Mallards as thick as can be in the Millet."—Central Illinois.

"Enclosed are photographs of our hatchery property. The Wild Rice shown in the foreground was planted in early April and this photograph was taken in June. We had a wonderful stand of Wild Rice . . . 7½ ft. high. We are well pleased with your work."—Waupaca County, Wisconsin.

Want More  
DUCKS?

GAME?  
FISH?

Plant Their  
Favorite  
Foods.



Now Ready For Spring Planting.

**TERRELL'S**  
AQUATIC NURSERIES  
Oshkosh, Wis., U. S. A.

Beds of Giant Wild Rice shown at left  
make both food and cover for marsh ducks.

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address notify us on Form 3547. If not  
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TERRELL'S, Oshkosh, Wis., U. S. A.

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FEB 7 1939

U. S. Department of Agriculture

